

LS-P1

- High-quality amplifier circuits capture accurate stereo sound without any signal deterioration
- Linear PCM recording up to 96kHz/24 bits for better than CD-quality audio
- Ensures clear sound without unwanted background noise with the Low-cut Filter
- Extremely compact build does not compromise on clear sound quality or cutting-edge features
- Manual Recording Level makes the most of the sound's dynamic range
- Accurate stereo sound is yours



High quality in the palm of your hand

Slip it into your pocket or handbag. Use it for better-than-CD quality recording of your own music, for high-quality recording of nature sound or interviews. The LS-P1 audio recorder has everything you need to enjoy accurate stereo sound and ease of use wherever you may be. The powerful technology on the inside is encased in a sleek metal body on the outside - making the stylishly compact LS-P1 a PCM recorder that you'll enjoy using with every press of the intuitive buttons. The integrated Direct USB stick for convenient storage and transfer of files is just another must-have feature, along with the zoom microphone for precise sound pick-up and more.

Specifications

Storage Media

Internal / Removable Media	Internal + Removable
External Memory (Slot)	microSD card / SDHC card (512 MB - 32 GB)
Internal memory	4GB

USB functionality

Direct USB Connection	Yes
USB Speed	USB 2.0 High Speed
USB Classes	USB Storage class USB Composite device

Display

Display Type	Full Dot Matrix Display (108 x 84 dots)
Display Size	27.5 x 23.9mm / 1.43"
Display colour	White
Display Backlit	LED (White)

Device operation

Main Switch	Push
HOLD switch	Yes
Power switch	Yes

Microphone System

Max. Sound Pressure	120dB SPL
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Recording Modes

Recording format	PCM / MP3
PCM (WAV) format	
96kHz / 24bit	1h 30min
88.2kHz / 24bit	1h 45min
48kHz / 16bit	5h
44.1kHz / 16bit	5h 30min
44.1kHz (Mono)	11h
MP3 format	
320 kbps	24h 30min
128 kbps	61h
64 kbps (Mono)	123h

Playback Modes

Playback format	PCM (WAV) / MP3
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Frequency response

	88.2kHz / 20 - 42000Hz
	48kHz / 20 - 23000Hz
	44.1kHz / 20 - 21000Hz
	44.1kHz (mono) / 20 - 21000Hz
	128kbps / 20 - 17000Hz
	64kbps (mono) / 20 - 13000Hz
Internal microphones	60 - 20.000Hz
PCM	96kHz / 20 - 44000Hz
MP3	320kbps / 20 - 20000Hz

Record function

Index	Up to 16 per file
Auto recording	VCVA (Variable Control Voice Actuator) Voice Sync
Recording Scenes	Meeting Conference Lecture Dictation Speech-Recognition Music
Advanced recording	Rec Monitor Manual Rec level control Low Cut-Filter Zoom Mic. Setting

Playback function

Playback speed	Adjustable (50 - 350%)
File operation	Forward / Reverse Skip Fast forward and rewind
File selection	File Playback Folder Playback All Files Playback
Repeat functions	Repeat playback A-B repeat playback
Automatic playback	Random playback
Sound enhancement	Voice Balancer Equalizer Noise Cancel
Advanced Play	Voice Playback

Data organisation

Erase	Erase single files Erase all files Music folders Partial (PCM only)
No. of folders	5
Folder Music	max. 300
Files per folder	200
File move	Yes
File Copy (Folder to Folder)	Yes
File Replace	Yes
File divide	Yes
Calendar Search	Yes

Interfaces Input

Microphone jack	3.5 ø mm mini-jack, impedance 2 kΩ
Microphone sensitivity / gain	High / Middle / Low/ Intelligent Auto
PC interface	USB Storage class

Interfaces Output

Max. working output	150mW (8 Ω speaker)
Maximum headphone output	3 mW + 3 mW
Speaker Diameter	Built-in ø 18 mm round dynamic speaker
Earphone jack	3.5 ø mm jack, impedance 8Ω or more

Power Supply

Power Supply	Battery: 1 x AAA
Alkaline battery life	Recording: 39h Playback: 31h via earphones
Internal Charging	AC / USB
	Note: Internal charging operable only with Olympus rechargeable batteries. AC-adaptor is an optional item.

Dimensions

HxWxD	108.9 x 39.6 x 14.4mm
Weight	75g (incl. battery)

Exterior

Housing material	Metal
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Languages

Menu languages	EN, FR, DE, IT, ES, RU, PL, CS, SV, NL, DA, CN
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Operating Systems & Requirements

Windows	Operating system: Windows Vista/7/8/8.1/10
Macintosh	Operating system: Mac OS X 10.5 - 10.10